#### See Instructions on back of page 6.

Department of Toxic Substances Control

|      | t or type. Form designed for use on elife (12-pifc)  | y typewitier.   |   | Sacramento, California   |
|------|--|---|---|--|
|      | UNIFORM HAZARDOUS WASTE MANIFEST   | 1. Generator's US EPA ID No.  CI AI DI OI 8 6 5 1 0 0 0   | Manifest Document No. 2. Page 5 9 3 0 8 2 of  | is not required by Federal law.  |
|      | 3. Generator's Name and Mailing Address<br>Douglas Aircraft Compa<br>19503 S. Normandie Ave                              |   |   | 92746227   |
|      | Generator's Phone ( 310 533-792     Transporter 1 Company Name   | 6 or (310) 533-7231<br>6. US EPA ID Number  | HAHQ<br>C. State Transporter  | 3 6 0 0 5 6 9 8 1  |
| -    | United Pumping Service 7. Transporter 2 Company Name   | C   A   D   O   7   2   1<br>8. US EPA ID Number  | 9 5 3 7 7 1 D. Transporter's Phor   | (010) 201-2010   |
|      | 9. Designated Facility Name, and Site Address Appropriate Technologi 1700 Maxwell Road                                   | 10. US EPA ID Number  | G. State Facility's ID  H. Facility's Phone   |  |
| -    | Chula Vista, CA 92011  11. US DOT Description (including Proper Shipp  | C A T 0 8 0 1   | Q 1 0 1 0 1 619 421<br>12. Containers 13. To  |  |
| ,    | NO, Waste, Oxidizer, C<br>(Potassium Nitrate, Po<br>Oxidizer, NA9194 (D001   | orrosive Solid, N.O.S.<br>tassium Hydroxide)  | No. Type Quanti   | 80 P P P 10002   |
|      | b.   |   |   | State  EPA/Other   |
| ,    | <b>c.</b>  |   |   | State  EPA/Other   |
|      | d.   |   |   | State EPA/Other  |
|      | 1. Additional Descriptions for Margrials Listed At 2 / 1701116 in 25000. Was   | të Kolene.  | K. Handling Codes to  | or Waster Listed Above b.  |
|      |  |   | c.  | d. Hall  |
|      | 15. Special Handling Instructions and Additional In case of accident co DOT ERG # 45.                                    | ntact Chemtrec at 800-  | 424-9300. (24 hr emerg  | ency #)  |
|      | 16. GENERATOR'S CERTIFICATION: I hereby packed, marked, and labeled, and are in al                                       | declare that the contents of the consignment a<br>respects in proper condition for transport by   | are fully and accurately described above by phining highway according to applicable federal, star | proper shipping name and are classified,                                     |
|      | If I am a large quantity generator, I certify economically practicable and that I have se                                | / that I have a program in place to reduce<br>lected the practicable method of treatment, s<br>s; OR, if I am a small quantity generator, I I | the volume and toxicity of waste generated torage, or disposal currently available to me          | to the degree I have determined to be which minimizes the present and future |
|      | waste management method that is available Printed/Typed Name Robert G  | to me and that I can afford.  Signature  April  | of B. Swell, In   | Month Day Year 0 5 2 7 9 3   |
| 33.0 | 17. Transporter 1 Acknowledgement of Receipt of Printed/Typed Name   | Signature   | ho  | Month & Day 4°9  |
|      | <ol> <li>Transporter 2 Acknowledgement of Receipt of Printed/Typed Name</li> <li>Discrepancy Indication Space</li> </ol> | Materials Signature   |   | Month Day Year   |
|      | Sisteparty indicator apute   |   |   |  |
|      | 20. Facility Owner or Operator Certification of r<br>Printed/Typed Name  | eceipt of hazardous materials covered by this<br>Signature  | manifest except as noted in Item 19.  | Month Day Year   |

DO NOT WRITE BELOW THIS LINE.

92746227 SE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-77

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RES

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Sianature Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature

DO NOT WRITE BELOW THIS LINE.

9

CASE

Z

#### LAND DISPOSAL RESTRICTION NOTIFICATION

| INSTRUCTIONS: Complete Part I. Check and complete Part II or Part III. Complete an 1-3 unless instructed to also return Attachment I and/or II as indicated on page 1. Do n   | d sign Part IV. You need only return pages of return Attachment 3.  |
|---|---|
| PART I: Generator Profile and Manifest Information  |   |
| 1. Generator Name: Osuglas Auctala Co E   | PA ID #: <u>(AD</u> 0865/0005   |
| 2. Address: 19503 5 Normandie Ave   |   |
| 3. City:  | Zip: 90502  |
| 4. Profile Number: 19856 Manifest #: 92   | 746227 193082   |
| 5. EPA Waste Codes (list ALL codes for this stream and all relevant subcategories —   | see page 2 of this form):   |
| <u>0001</u> <u>100</u> 2  |   |
|   |   |
| 6. This stream is (check one) a wastewater (<1% total organic carbon and <1% to   | otal suspended solids)_\_\mathbb{N}nonwastewater.   |
| Some exceptions exist to this definition, please consult your Greenfield Customer So  | ervice Representative for details.  |
| PART II: Wastes Subject to Land Disposal Restrictions (If the waste is non-RCRA waste' identified in Part III below, complete Part III rather than Part I   |   |
| Pursuant to 40 CFR 268.7, I am notifying Appropriate Technologies, Inc. that und number, I am shipping to you a waste identified by the EPA waste code(s) and subcategory to the EPA Land Disposal Restrictions, as checked below.  A. Check line 1, 2, 3 and / or 4 as applicable  1. Treatment standards, as I have indicated in Attachment I, which I am enclosing.  F005.  2. Numerical treatment standard(s) specified in 40 CFR 268.41(a) (Table CCWE)  3. Treatment standard(s) expressed as specified technology(ies) in 40 CFR 268.41 per Attachment III, isINCIN: | ries) listed in Part I above, which is subject and forF001: F002: F003: F004:  All per Attachment III.  All per Attachment III.  A per Attachment III, as I have checked on the definition of a "California List" waste an of Attachment I, which I am enclosing are checked the "California List" section the per Attachment II, which I am enclosing are checked on Line E or F of Attachment II, |
| PART III: Wastes currently NOT subject to Land Disposal Restrictions  | en e  |
| Pursuant to 40 CFR 268.7, I am notifying Appropriate Technologies, Inc. that, un number, I am shipping to you a waste which is non-RCRA, non-hazardous, or ide Part I above. The waste is <u>not</u> currently subject to EPA Land Disposal Restriction hazardous, or consists <u>only</u> of one or more of the following EPA waste codes liste K064-66, K088, K090-91, K117-18, K123-26, K131-32, K136, U328, U353, U359.   | entified by the EPA waste code(s) listed in is because the waste is non-RCRA, non-  |
| PART IV: Authorized Representative  |   |
| Signature:   Robert Signature:   Da  Print or Type Name:   Da  Da   | ite: 🗡  |
| Print or Type Name: >=  |   |
| Title: $\succeq$  | er attach i de ge   |
| NOTE: A "California List" waste is (a) a hazardous waste containing Halogenated Organic Compound or mg/l, or (b) a liquid hazardous waste (including free liquids) having a pH ≤ 2.0 and/or containing at ≥ that specified: PCBs, 50 ppm; or (in mg/l) free cyanides, 1000; As, 500; Cd, 100; Cr, 500; Pb   | ny of the following materials at a concentration  |

#### IKEAIMENI SUBCAIEGORIES

|                       |  | COCHILOUMIN  |
|-----------------------|--|--|
| EPA                   |  |  |
| WASTE<br>CODE<br>D001 | SUBCATEGORIES Ignitable liquids ≥ 10% TOC Ignitable liquids < 10% TOC Ignitable compressed gases Ignitable reactives Oxidizer  | COMMENT Per 261.21 (a)(1) Per 261.21 (a)(1) Per 261.21 (a)(3) Per 261.21 (a)(2) Per 261.21 (a)(4)                  |
| D002                  | Steel corrosives<br>Alkaline<br>Acid   | SAE 1020 steel corrosion rate ≥ 0.25 inch/year<br>Per 262.22 (a)(1)<br>Per 262.22 (a)(1)                           |
| D003                  | Explosives Water reactives Reactive sulfides Reactive cyanides Other reactives   | Per 261.23 (a)(6), (7), (8) Per 261.23 (a)(2), (3), (4) Per 261.23 (a)(5) Per 261.23 (a)(1), (4) Per 261.23 (a)(1) |
| D006                  | Cadmium-containing batteries<br>Other  | - 01 201.25 (a)(1)   |
| D008                  | Lead acid batteries<br>Other   |  |
| D009                  | Low mercury High mercury High mercury, containing organics (not incinerator residues) High mercury, containing inorganics (including incinerator or RMERC residues)  | < 260 mg/kg Hg ≥ 260 mg/kg Hg ≥ 260 mg/kg Hg ≥ 260 mg/kg Hg  |
| F001-F005(WW)         | Pharmaceutical Non-Pharmaceutical  |  |
| K006(NWW)             | Anhydrous<br>Hydrated  |  |
| K046                  | Reactive<br>Non-Reactive   |  |
| F025                  | Light ends Spent filters / aids & dessicants   |  |
| K061(NWW)             | Low Zinc<br>High Zinc  | < 15% total zinc ≥ 15% total zinc  |
| K069(NWW)             | Calcium sulfate Non-calcium sulfate  |  |
| K071                  | Low mercury High mercury   | < 16 mg/kg Hg<br>≥ 16 mg/kg Hg   |
| K106                  | Low mercury High mercury   | < 260 mg/kg Hg<br>≥ 260 mg/kg Hg   |
| P065                  | Low mercury — residues from RMERC Low mercury — residues from incineration Mercury fulminate, High mercury — incinerator or RMERC residues Mercury fulminate, nonwastewaters — not incinerator or RMERC residues | Original P065 < 260 mg/kg Hg<br>Original P065 < 260 mg/kg Hg<br>≥ 260 mg/kg Hg                                     |
| P092                  | Low mercury — residues from RMERC<br>Low mercury — residues from<br>incineration   | Original P092 < 260 mg/kg Hg<br>Original P092 < 260 mg/kg Hg   |
|                       | Phenyl mercury acetate, high mercury incinerator or RMERC residues Phenyl mercury acetate, nonwastwaters not incincerator or RMERC residues  | ≥ 260 mg/kg  |
| U151                  | High Mercury  Low mercury — residues from RMERC  Low mecury — residues from incineration   | ≥ 260 mg/kg Hg<br>Original Ul51 < 260 mg/kg Hg<br>< 260 mg/kg Hg   |
| NOTE: TOC = to        | tal organic carbon: RMERC = mercury retorting: WW  | = wastewater: NWW = non-wastewater   |

NOTE: TOC = total organic carbon: RMERC = mercury retorting: WW = wastewater: NWW = non-wastewater

### CALIFORNIA LAND DISPOSAL RESTRICTION NOTIFICATION

| PART I: Generator Information.   | -   |  |
|--|---|--|
| GENERATOR NAME Douglas !   | Arreraft Co   |  |
| CA0086510005-  | 92746227  | 19856  |
| EPA ID #   | MANIFEST #  | PROFILE #  |
| The waste(s) identified on the above reference the Land Disposal Restrictions of CCR,  | enced manifest and bearing the California was<br>little 22, Chapter 30.   | te number(s) identified below is subject to                                  |
| PART II: Waste Identification.   |   |  |
| California waste number(s) 18/   |   |  |
| Check the appropriate lines. (More than o  | one line may apply.)  |  |
| 1. RCRA regulated waste  |   |  |
| the state of the s | queous waste identified on CCR, Title 22, 67  |  |
|  | Title 22, 67702(b) (2). (Not acceptable at Al   | ·  |
| Prohibition effective date May   | olid waste identified in CCR, Title 22, 67702, 8, 1992.   | (b) (7).   |
|  | waste containing any organic compound ider<br>8270. Prohibition effective date May 8, 1992.<br>02 (b)(10).)   |  |
|  | ning any organic compound identified by EPA bition effective date May 8, 1992. (Reference   |  |
|  | regulated waste, category includes lab packs, of hold hazardous waste exempted in the Health  |  |
| PART III: Handling Method.   | •   |  |
| Check the appropriate lines. (More than o  | one line may apply.)  |  |
| 1. The RCRA waste identified about   | ove must be handled in accordance with the a  | ttached EPA LAND DISPOSAL  |
| RESTRICTION NOTIFICATION   | <u>ON</u> .   |  |
| <ol> <li>The waste identified above must</li> <li>Article 41.</li> </ol>   | st be treated to meet the applicable standards  | in CCR, Title 22, Division 4, Chapter  |
|  | ets the applicable treatment standard.  |  |
| testing or through knowledge of<br>standards specified in CCR Tit  | that I personally have examined and am famile<br>of the waste to support this certification that the<br>de 22, Division 4, Chapter 30, Article 41. I be<br>I am aware that there are significant penaltication and imprisonment." | ne waste complies with the treatment elieve that the information I submitted |
| 4. The waste identified above is s IDENTIFICATION section above  | subject to a variance. The expiration date of thore.  | e variance is indicated in the WASTE   |
| 5. The Non-RCRA waste identified   | ed above is not currently restricted from land  | disposal.  |
| PART IV: Generator Certificatio  | n.  |  |
| knowledge and that no omissions or error   |   | •  |
| Signature <u></u>  | Da  | ite: <u>2</u>  |
| Print or Type Name:  |   |  |
| Title: 🔀   |   |  |
|  | Page 3 of 3   |  |

# ATTACHMENT I ADDITIONAL NOTIFICATION FOR F001-F005, AND CALIFORNIA LIST WASTES

| For Pa | art II, | Line | 1 0 | f the | LDR | Notification | (F001- | -FMMS |
|--------|---------|------|-----|-------|-----|--------------|--------|-------|
|--------|---------|------|-----|-------|-----|--------------|--------|-------|

\* Treat to below California List concentration, or to non-liquid form.

| F001 F0  | 002 F003 F004  | F005  |  |
|--|--|---|--|
| WASTE CODE   | REGULATED<br>HAZARDOUS<br>CONSTITUENT  | WASTEWATERS CONCENTRATION (mg/1)  | NONWASTEWATERS<br>CONCENTRATION<br>(mg/l)                          |
|  | TABL   | ECCWE   |  |
| F001-F005  |  |   |  |
| spent solvents   | Acetone  | 0.05  | 0,59   |
|  | n-Butyl alcohol  | 5.0   | 5.0  |
|  | Carbon disulfide   | 1.05  | 4.81   |
|  | Carbon tetrachloride<br>Chlorobenzene  | 0.05  | 0.96   |
|  | Cresols (and cresylic acid)  | 0.15  | 0.05   |
|  | Cyclohexanone  | 2.82<br>0.125   | 0.75   |
|  | 1,2 — Dichlorobenzene  | 0.65  | 0.75<br>0.125  |
|  | Ethyl acetate  | 0.05  | 0.123  |
|  | Ethyl benzene  | 0.05  | 053  |
|  | Ethyl ether  | 0.05  | 75   |
|  | Isobutanol<br>Methanol   | 5.0   | <b>:.0</b>   |
|  | Methylene chloride   | 0.25<br>0.2   | 0.75   |
|  | Methyl ethyl ketone  | 0.2   | 0.96   |
|  | Methyl isobutyl ketone   | 0.05  | 0.76<br>0.33   |
|  | Nitrobenzene   | 0.66  | 0.125  |
|  | Pyridine   | 1.12  | 0.33   |
|  | Tetrachloroethylene<br>Toluene   | 0.079   | 0.05   |
|  | 1,1,1, — Trichlorethane  | 1.12  | 0.33   |
|  | 1,1,2, — Trichloro-  | 1.05  | 0.41   |
|  | 1,2,2, — Trifluorethane  | 1.05  | 0.96   |
|  | Trichloroethylene  | 0.062   | 0.90   |
|  | Trichlorofluoromethane   | 0.05  | 0.96   |
|  | Xylene   | 0.05  | 0.15   |
|  | TABL   | ECCW  |  |
| F001-F005  |  |   |  |
| spent solvents   | 1,1,2, Trichloroethane   | 0.030   | 7.80   |
| F001-F005  | Benzene  | 0.070   | 3.70   |
| spent solvents (Pharmeceutical Industry Wastewater Subcategory)  | Methylene chloride   | 0.44  | NA NA THUO D   |
| DOME   | 0.NV.  | REQUIRE   | D METHOD   |
| F005   | 2-Nitropropane   | INCIN   | INCIN  |
| F005   | 2-Ethoxyethanol  | INCIN   | INCIN  |
| For Part II, Line 5, 6, or 7   | of the LDR Notification (California I  | ict   |  |
| This waste must be treated as  | indicated below if it is (a) a D001, D002, D00<br>efinition of a "California List" waste: or (b) | 3, D004, D005, D006, D007, D008, D009, D000, a liquid hazardous waste ≥ 50 ppm PCBs, or | ), D011, or subject to a "capacity<br>≥ 134 mg/l Ni, or ≥ 130 mg/l |
| HOC ≥ 1000 ppm; ir liquid, PCB ≥ 50 ppm liquid, PCB ≥ 50 ppm liquid, free cyanides ≥ liquid, As ≥ 500 mg/liquid, Cd ≥ 100 mg/liquid, Cr ≥ 500 mg/liquid, Pb ≥ 500 mg/liquid, Hg ≥ 20 mg/lliquid, Ni ≥ 134 mg/l | m; incinerate (Not acceptable at APTEC) ralize  = 1000 ppm: * 1: * 1: * 1: * 1: *                | •   |  |

Attachment I

## ATTACHMENT II EXTENSIONS, VARIANCES, EXCEPTIONS

| For Par                | t II, Line B-6 of the Notification Form This waste is (check one):  |
|------------------------|---|
|                        | A. Soil or debris contaminated with waste specified in 268.34 for which the treatment standard is based on incineration per Attachment III variance valid until June 8, 1991.   |
|                        | B. Soil or debris contaminated with wastes specified in 268.35 for which the treatment standard is based on incineration, mercury retorting, vitrification or wet-air oxidation, per Attachment III (variance valid until May 8, 1992).   |
|                        | C. A waste specified in 268.35 (a) per Attachment IIINWWWW  |
|                        | D. A waste specified in 268.35 (c) — per Attachment III — (variance valid until May 8, 1992)NWWWW. NOTE: NWW = Nonwastewater and WW = Wastewater.   |
| For Par                | t II, Line B-8 of the Notification Form. This waste is:   |
| VI                     | E . Subject to a case-by-case extension, pursuant to 40 CFR 268.5, granted byon_on  |
|                        | F. Subject to a treatability variance, pursuant to 40 CFR 268.44, granted byonon  |
| For gen                | erators or treaters who have checked Part II, Line B-9 of the Notification Form:  |
| Instruct               | tions: Check Line 1, 2, or 3 below. If checking Line 1 or 2 below, attach supporting analytical results. If checking Line 2, and if appropriate, k Line 4. Sign and date below.   |
| 1.                     | For generators who have determined that their waste meets treatment standards (268.7(a)(2)(ii):   |
| }<br>5<br>t            | certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through cnowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is rue, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.  |
| 2.                     | For treatment facilities which have treated the waste so that it meets the required numerical treatment standards (268.7(b)(5)(i):  |
| F<br>i<br>s<br>i<br>t  | certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information. I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.  I the certification in Line 2 above is based in whole or part on the "analytical detection limit alternative" (268.3(c), check the following certification. |
| p<br>i<br>v<br>tu<br>a | certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater (NWW) organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart 0 or Part 265 Subpart 0, or by combustion in fuel substitution units operating in accordance with applicable echnical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to malyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of the and imprisonment.                        |
| 3. <u>F</u>            | For treatment facilities which have treated the waste with the required treatment technology specified in 268.42 (certification per 168.7(b)(5)(ii):  |
|                        | certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.  |
| AUTHOI                 | RIZED REPRESENTATIVE  |
| Signature              | Date  |
|                        | Type Name   |
| Tale.                  |   |

Attachment II



### UNITED PUMPING SERVICE, INC. FIELD WORK ORDER

34128

14016 EAST VALLEY BOULEVARD CITY OF INDUSTRY, CALIFORNIA 91746 PHONE: (818) 961-9326 FAX (818) 336-7734

| PAGE / OF   |         |
|-------------|---------|
|             | STREET, |
|             |         |
|             |         |
| IPAGE / OF/ |         |

|  | Vocamodi /<br>Vocamodi /<br>Aconiaci 70502<br>7926            | 1/5 06-59<br>(ve | DATE WORK PERFORME DATE OF THIS REPORT.  TIME CALL RECEIVED.  CONTRACT NO.:  LOSS REPORT NO. IP.O. | 3-21-95               |
|--|---|------------------|--|-----------------------|
| SCOPE OF WORK PU Haz Lua   | the Drums.  | - Disposio;      | Pwaste   |                       |
| EQUIPMENT: TYPE  State District  State Distric | EQUIPMENT OPERATE NAME  S / / / / / / / / / / / / / / / / / / |                  | RE OUT TIME  | B.T. O.T. TOTAL HOURS |
| PERSONNEL:<br>NAME   | TITLE   |                  | RIVE TIME STOP WE OUT TIME   | B.T. O.T. TOTAL HOURS |
| DISPOSAL: MANIFEST NO DISPOSAL SITE  7274/22   Rolling ADDITIONAL INFORMATION  | arv uterr   | CONSUMABLITATE   |  | MPE GIV               |

|            |  | The state of the s | and the second |        |  |     |
|------------|--|--|--|--------|--|-----|
|            | • • • • • • • • • • • • • • • • • • •  | WEIGHT TICKET  |  |        | AND MINISTER OF STREET STREET STREET   | • 7 |
| VENDOR: U  | NITED PUMPIA                           | 16 SERVICE.  | GROSS  |        |  |     |
| TRUCK #:   | 51                                     | and an experience of the first and the first | TARE   |        |  |     |
| DATE:      | 5-27-93                                | ·  | NET  |        |  |     |
| CONTENTS:  | KOLENE DAV                             | MS TOTAL   | 12 , TOTAL   | WEIGHT | 4880   | 48  |
| DISPOSAL F | ACILITY: APROPRIATE                    | TECHNOLDGIES   | DRUM COUNT   | 12     | terroromo vanatramo upo nacu-a   | •   |
| DRIVER:    | ······································ | entification to the control of the c | GALLONS  |        | and the state of t |     |
| STATE      | MANIFEST                               | DOCUMENT   | NUMBER:  | 9274   | 6227   |     |

BOE-C6-0195667